

ABSTRACT OF THE DISCLOSURE

A method is described for the electrochemical protection of reinforcement in concrete in harsh environments, for instance in contact with, or in close proximity to, seawater. On concrete, a composition comprising graphite dispersed in a curable mineralic binder in the form of water glass or another water-soluble inorganic silicate, a dispersion agent, optionally together with conventional additives is applied. The application is performed by spraying or brushing. An impregnation is optionally performed, either concurrent with the application of the composition or thereafter. If necessary a post treatment is performed. Further, the use of the composition for electrochemical protection of reinforcement in concrete in connection with, for instance, quay constructions, bridges, bridge piers and similar constructions is described.